

# Table of Contents

## Introduction

Plan and Process .....	1
Mountain View in the Region .....	1
Major Themes .....	2
Specific Visions .....	2
Community Development Chapter .....	2
Circulation Chapter .....	3
Residential Neighborhoods Chapter .....	3
Environmental Management Chapter .....	3
WHAT IS A GENERAL PLAN? .....	3
ORGANIZATION OF THE PLAN .....	3
Legal Requirements .....	4
Maps and Diagrams .....	4
Plan Content .....	4
Goals, Policies, and Actions .....	5
Technical Appendix .....	6
THE GENERAL PLAN PROCESS .....	6
ADMINISTERING THE GENERAL PLAN .....	7

## Community Development Chapter

INTRODUCTION .....	11
Accomplishments .....	11
BACKGROUND FOR PLANNING .....	12
History of Development .....	12
The Residential and Working Populations .....	13
The Mountain View Planning Area .....	14
Development Potential .....	15
Location of Future Development .....	16
THE LIVING ENVIRONMENT .....	17
The City's Identity .....	17
The City's Diversity .....	19
The Natural Environment .....	20
The Greening of the City .....	22
The Visual Arts .....	23
Preservation of Historic Resources .....	24

<b>LAND USE IN MOUNTAIN VIEW .....</b>	25
Public Places .....	25
Educational Facilities .....	26
Institutional Facilities .....	27
Other Public and Quasi-public Facilities .....	28
The Business Community .....	28
Commercial Districts .....	29
Office Districts .....	31
Industrial Districts .....	31
<b>THE ECONOMICS OF LAND USE .....</b>	33
City Revenues .....	33
Development Costs .....	34
<b>LIVING IN THE BAY AREA .....</b>	35
The Regional Setting .....	35
Housing and Jobs .....	36
Land Use and Transportation .....	37
<b>OPPORTUNITY AND CHANGE .....</b>	39
Public Redevelopment .....	39
Building Height .....	40
Areas of Opportunity .....	42
North Bayshore .....	44
Light Rail Corridor .....	44
Moffett Boulevard Area .....	45
El Camino Real .....	45
California Street .....	46
San Antonio Road .....	46
North Rengstorff Avenue .....	47
<b>LAND USE MAP .....</b>	47
Land Use Changes .....	47
Definition of Land Uses and Intensity .....	48
Residential .....	48
Public .....	49
Commercial/Office .....	49
Industrial .....	49
Open Space and Recreational .....	50

## Circulation Chapter

<b>INTRODUCTION .....</b>	51
Accomplishments .....	51
The Transportation Environment in 1991 .....	51
Regional Transportation Issues .....	52
Regional Transportation Groups .....	52
<b>LAND USE AND TRANSPORTATION .....</b>	53
Ensuring Adequate Transportation .....	53

TRANSPORTATION DEMAND MANAGEMENT .....	56
TDM Ordinance .....	56
TDM with Other Land Uses .....	57
TDM Site-design Features.....	57
STREETS AND ROADS .....	58
Highway and Expressway Congestion Relief .....	58
More Efficient Road Systems .....	60
Local Roads System .....	60
Neighborhoods Traffic Management.....	62
RAIL TRANSIT .....	64
Peninsula Commute Service .....	64
Light Rail Transit .....	65
Access to Rail .....	66
Safety.....	66
BUS TRANSIT .....	67
Bus Service .....	67
Bus Stops .....	67
Busing for School Children.....	69
BICYCLE SYSTEM .....	69
A Comprehensive System.....	69
WALKWAYS .....	72
Sidewalks .....	72
Site Design.....	72
Encouraging Walking .....	73
TRANSPORTATION DESIGN AND THE ENVIRONMENT .....	73
Residential Arterials .....	74
Environmental Effects .....	74
ACCESS FOR THE MOBILITY-IMPAIRED .....	75
Access to Public Transit .....	75
Paratransit .....	75
Handicapped Access Regulations .....	75
PRIVATE TRANSPORTATION SERVICES .....	75
Shuttle Services.....	76
Taxicabs .....	76
PUBLIC INVOLVEMENT .....	76
Review of Plans and Projects .....	76
Responsiveness to Problems .....	76
BALANCED TRANSPORTATION FUNDING .....	77

## **Residential Neighborhoods Chapter**

INTRODUCTION .....	79
Accomplishments .....	79
HOUSING QUANTITY AND VARIETY .....	80
Housing Distribution and Condition .....	80

Vacant Sites and Potential Redevelopment.....	83
Mobile Homes and Manufactured Housing .....	85
Projected Need for New Construction .....	86
<b>HOUSING OPPORTUNITY .....</b>	<b>87</b>
Public and Private Resources .....	87
Housing Costs, Incomes, and Ability to Pay .....	88
New Housing Opportunities .....	90
Housing for Special-need Groups .....	92
Homelessness .....	94
<b>HOUSING QUALITY .....</b>	<b>95</b>
Rehabilitation and Replacement .....	96
Governmental and Other Constraints on Housing .....	97
Energy Conservation .....	100
<b>NEIGHBORHOODS .....</b>	<b>101</b>
Protecting and Enhancing Neighborhoods .....	101

## **Environmental Management Chapter**

<b>INTRODUCTION .....</b>	<b>105</b>
Organization and Major Themes .....	105
Accomplishments.....	105
<b>OPEN SPACE .....</b>	<b>106</b>
Acquisition .....	109
Improvements .....	111
Use .....	114
Preservation .....	115
<b>CONSERVATION OF RESOURCES .....</b>	<b>115</b>
Air Quality .....	116
Water .....	117
Solid Waste.....	121
Soil .....	122
Wildlife and Wildlife Habitats .....	123
Archaeological Resources .....	126
Energy .....	127
<b>PUBLIC SAFETY .....</b>	<b>128</b>
Natural Disasters.....	128
Fire .....	133
Police .....	135
<b>NOISE .....</b>	<b>137</b>
Noise Source .....	137
Transmission and Reception .....	140
<b>Epilogue .....</b>	<b>142</b>

# List of Figures

## Introduction

Figure 1	Mountain View's Regional Location .....	1
Figure 2	Relationship of General Plan Chapters to State-Mandated Elements. ....	9

## Community Development Chapter

Figure 1	Household Size. ....	14
Figure 2	Employment by Sector, 1980-2005. ....	14
Figure 3	Citywide Land Use as Percent of Total. ....	15
Figure 4	Housing Units and Non-residential Floor Area. ....	15
Figure 5	Vacant Land by Zoning. ....	16
Figure 6	Redevelopable Land by Zoning. ....	16
Figure 7	Gateways into Mountain View. ....	18
Figure 8	City Landmarks. ....	18
Figure 9	Parkway and Monolithic Sidewalks. ....	22
Figure 10	City Revenue Sources, Fiscal 1989 - 90. ....	33
Figure 11	Housing and Jobs Balance. ....	37
Figure 12	Potential Sites for Additional Housing. ....	38
Figure 13	Areas Allowing Buildings Over Three Stories. ....	41
Figure 14	Areas of Opportunity. ....	43

## Circulation Chapter

Figure 1	Traffic Levels of Service for Signalized Intersections and Arterials. ....	55
Figure 2	Local and Regional Roadway Network. ....	59
Figure 3	1990 and 2005 Levels of Service, AM Peak Hour.....	61
Figure 4	Traffic Control Methods in Residential Neighborhoods. ....	63
Figure 5	Rail Transit in Mountain View. ....	65
Figure 6	Local Bus Routes. ....	68
Figure 7	Existing and Proposed Bicycle Facilities. ....	71

## Residential Neighborhoods Chapter

Figure 1	Dwelling Unit Types as Percent of Total. ....	80
Figure 2	Housing Units by Type, 1960 - 1990. ....	80
Figure 3	Housing Growth and Projections, 1960 - 2005. ....	80
Figure 4	Housing Need, January 8, 1988 - April 1, 1995. ....	81
Figure 5	Change in Residential Zoning Capacities, 1982 - 1989....	82
Figure 6	Potential Residential Redevelopment Sites. ....	84

Figure 7	Population Growth and Projections, 1960 - 2005. ....	86
Figure 8	Income Distribution, 1980 and 1990. ....	89
Figure 9	Household Income Distribution. ....	89
Figure 10	Income and Housing Cost Trends, 1970 - 1990. ....	90
Figure 11	Affordable Rents in Mountain View. ....	90
Figure 12	Subsidized Senior Housing Developments. ....	93
Figure 13	Dwelling Units by Year of Construction. ....	96
Figure 14	General Plan Residential Land Use Designations. ....	97
Figure 15	Estimated Townhouse Costs, 1989. ....	99

## **Environmental Management Chapter**

Figure 1	City-owned Parks and Open Space Facilities. ....	106
Figure 2	Parks, Schools, and Recreational Facilities. ....	108
Figure 3	Transmission and Pipe Lines. ....	112
Figure 4	Future Water Requirements. ....	119
Figure 5	Sewer Capacity Rights and Average Flow. ....	120
Figure 6	Plant and Animal Habitats. ....	124
Figure 7	Earthquake Faults Affecting Mountain View. ....	128
Figure 8	Earthquake Fault Zones. ....	128
Figure 9	Geologic Hazard Zones. ....	129
Figure 10	Flood Plains. ....	131
Figure 11	Evacuation Routes List. ....	132
Figure 12	Evacuation Routes Map. ....	133
Figure 13	Typical Noise Levels. ....	137
Figure 14	Noise Acceptability Guidelines. ....	138
Figure 15	Noise Contours, 1990 and 2005. ....	139

# List of Photographs and Illustrations

## Community Development Chapter

Moffett Field as it appeared in the early 1930s .....	13
Folks enjoy outdoor dining on Castro Street .....	19
Mountain View takes its name from the vista of the Santa Cruz Mountains to the south .....	20
The Avatar sculpture in Eagle Park .....	23
The restored Rengstorff House at Shoreline .....	24
Mountain View's new Civic Center .....	26
Graham is one of two middle schools in the city .....	26
El Camino Hospital serves the community .....	27
Newly upgraded Blossom Valley Shopping Center .....	29
San Antonio Shopping Center .....	30
New research office buildings in the North Bayshore Area .....	31
Townhouses under construction .....	35
Downtown Mountain View displays a new spirit .....	42
Campaign to bring Light Rail to Mountain View .....	45
Single-family home in low-density residential area .....	48

## Circulation Chapter

Preferential parking for carpools and vanpools .....	57
Shoreline Boulevard/U.S. 101 overpass under construction .....	58
CalTrain stopping at Downtown Mountain View train station .....	64
Coming to Mountain View in the 1990s—Light Rail Transit .....	66
Specially designed bus shelters on Castro Street .....	67
Bicycle/pedestrian underpass near San Antonio Road .....	69
CalTrain shuttle picking up employees in the Whisman industrial area .....	76

## Residential Neighborhoods Chapter

Vacant site on San Luis Avenue available for infill housing .....	81
Industrial site on Ortega Ave. can be redeveloped with housing .....	83
Mobile home park on Sylvan Avenue .....	85
Subsidized family housing built in the 1970s .....	88
Carolyn Rollins, a resident of senior housing on Grant Road .....	93
Ramp provides easy access for those who use wheelchairs .....	93
Low density (single-family) housing .....	98

Medium-low density housing .....	98
Medium-high density housing .....	98
High density housing .....	98
Children playing at Rengstorff Park reflect cultural diversity .....	100
Sylvan Park, a focal point for the neighborhood .....	101

## **Environmental Management Chapter**

Cuesta Park—one of two district parks .....	106
Shoreline at Mountain View Regional Recreation and Wildlife Area .....	107
Future trail will parallel Stevens Creek .....	111
Camphor trees line Velarde Street .....	117
Burrowing owls—a protected species .....	125
The Mountain View Mound near San Antonio Road, circa 1940 .....	127
Firefighters practice their skills .....	133
Sound walls protect residential areas from noise .....	140